HERMON-TAYLOR et al

Appl. No. 09/646,568 Attny. Ref.: 117-319

Response

September 15, 2010

The claims of the present application refer only to SEQ ID NOs:1-4 and sequences of the Sequence Listing of record in the PTO IFW.

Further clarification is requested regarding the Examiner's reference to SEQ ID NOs: 5-29 in claims filed June 20, 2000 (see Examiner-initiated Interview Summary dated August 19, 2010), in the event the Examiner continues to believe that a further Sequence Listing is required.

Specifically, the present application was filed as a U.S. national phase of International Application No. PCT/GB99/00849 with a Transmittal dated and received in the U.S. Patent Office on September 20, 2000, as evidenced by the following copy of the Transmittal obtained from the PTO PAIR IFW:

Response

September 15, 2010

532 Rec'd PCT/FTE 20 SEP 2000

<b>.</b>	ŧ	ţ	532 Recid PUINTE Za acricood	
FORM PTO-		FOOMMERCE PATENT AND TRADEMARK CFFICE	ATTORNEY'S COCKET NUMBER 117-319	
TRÂNSMITTAL LETTER DESIGNATED/ELEC		R TO THE UNITED STATES TED OFFICE (DO/EO/US) ING UNDER 35 U.S.C. 371	U.S. APPLICATION 97/06 446568  To Be Assigned	
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE		INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	
PCT/G899/00849		18 March 1999	20 March 1998	
TITLE OF INVENTION DIAGNOSTICS AND VACCINES FOR MYCOBACTERIAL INFECTIONS OF ANIMALS AND HUMANS				
APPL:CANT(S) FOR DO/EO/US  HERMON-TAYLOR et al				
*Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1.  This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.				
2. 🗆				
3. 🖾	This is an express request to begin riational examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).			
4. 🛚	<ol> <li>A proper Demand for International Pretiminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.</li> </ol>			
5. A copy of the International Application as filled (35 U.S.C. 371(c)(2)).				
ුද. දුනු: පුරි	is transmitted herewith (required only if not transmitted by the International Bureau).  has been transmitted by the International Bureau.  is not required, as the application was filled in the United States Receiving Office (RO/US).			
7. ∭☐ 7. ∭☐	A translation of the International Application into English (35 U.S.C. 371(e)(2)).			
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).			
in a constant of the constant	are transmitted herewith (required only if not transmitted by the International Bureau).  have been transmitted by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.  have not been made and will not be made.			
8. 💆 🗆	A translation of the amendr	A translation of the amendments to the datms under PCT Article 19 (U.S.C. 371(c)(3)).		
9. 🖺 🗆	An eath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
1000	A translation of the amexes to the international Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
Items 11. To 16. Below concern document(s) or information included:				
11. 🖸	An Information Disclosure	An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.		
12.	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.			
13.	A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment.			
14.	A substitute specification.			
15.	A change of power of attor	A change of power of attorney and/or address letter.		
16. 🖾	Other items or information. PTO 1449 With International Search Report, Sequence Listing			

- 1 -

459753

HERMON-TAYLOR et al

Appl. No. 09/646,568 Attny. Ref.: 117-319

Response

September 15, 2010

The claims of International Application No. PCT/GB96/03221 refer to SEQ ID NOs: 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28 and 29 and it is perhaps the claims of International Application No. PCT/GB96/03221 which the Patent Office has mistaken for claims of the present application.

The Sequence Listing contained in the PTO IFW, with SEQ ID NOs: 1-5, is submitted to be complete and to allow the Examiner to search the claims of the present application. Any "discrepancy" between the claims, CRF and paper copy of the Sequence Listing entered in the PTO IFW is an error or "discrepancy "created and correctable by the Patent Office, and further papers from the applicants should not be required. The Patent Office CRF contains 5 sequences. The PTO IFW contains a copy of the applicants Sequence Listing containing SEQ ID NOs:1-5. The pending claims refer to the sequences of the applicants Sequence Listing.

The specification was amended with the Amendment filed November 6, 2001 to include the Sequence Listing as evidenced by the following reproduction of the first page of the Amendment and the following reproduction of the PTO date stamped copy of the Sequence Listing containing 5 sequences. The Sequence Listing was entered by the Patent Office and entered in the PTO IFW, as confirmed by the following subsequent page from the PTO IFW. Nothing further of the applicants should be required.

Response

September 15, 2010

BOSTATES PATENT AND TRADEMARK OFFICE TECH CENTER 1600/2900

in re Patent Application of HERMON-TAYLOR et al

Atty, Ref.:

117-319

NOV 0 8 2091

Serial No.

09/646,568

Group:

1845

TECH CENTER 1600/2900

Filed:

For

November 9, 2000

Examined

DIAGNOSTICS AND VACCINES FOR MYCOBACTERIAL

INFECTIONS OF ANIMALS AND HUMANS

November 6, 2001

Assistant Commissioner for Patents Washington, DC 20231

Sin

#### AMENDMENT

Responsive to the Notification of Missing Requirements and Notice to Comply dated September 6, 2001 (copies attached), entry and consideration of the following amendments and remarks are requested.

#### IN THE SPECIFICATION

Amend the specification as follows.

Insert the attached Sequence Listing for the copy of the same filed with the application on November 9, 2000.

### REMARKS

Reconsideration is requested.

The Declaration was filed on November 9, 2000, in response to the Notification of Missing Requirements mailed October 19, 2000. A copy of the Declaration is attached

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Response

September 15, 2010

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Jun JENTER 1600/2900

In re Patent Application of

**HERMON-TAYLOR** et al

09/646,568

na.a.a.'300

November 9, 2000

Atty. Ref.: 117-31 RECEIVED

1645

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Group:

TECH CENTER 1600/2900

Filed: For:

Serial No.

DIAGNOSTICS AND VACCINES FOR MYCOBACTERIAL

INFECTIONS OF ANIMALS AND HUMANS

November 6, 2001

Assistant Commissioner for Patents Washington, DC 20231

Sir:

#### STATEMENT

The attached paper and computer-readable copies of the Sequence Listing are the same. No new matter has been added.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By

#B. J. Sadoff Reg. No. 36,663

BJS:eaw

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

\$74288

Response

September 15, 2010



SEQUENCE LISTING

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NOV 2 8 2001

TECH CENTER 1600/2900

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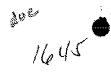
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TECH CENTER 1600/2800

Response

September 15, 2010









# TECH CENTER 1600/2900

RAW SECURATION: US/09/846,568 TIME: 09:01:03

Input Set : A:\N743666 US DMG 138 NF S38 seq listing Sept Gl.txt Output Set: N:\CRF3\ll183961\ie46568.raw

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file://C//CRF3/Outhold/Verl646568.htm

r ·

11/15/01

Response

September 15, 2010

An early and favorable Action on the merits is requested. The Examiner is again requested to contact the undersigned, preferably by telephone, in the event anything further is required.

Respectfully submitted,

## **NIXON & VANDERHYE P.C.**

By: /B. J. Sadoff/
B. J. Sadoff
Reg. No. 36,663

BJS:

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Arlington, VA 22203-1808 Telephone: (703) 816-4000 Facsimile: (703) 816-4100